

What is Claimed is:

5 Sub 1. An electrically power assisting steering apparatus provided with a torque limiter having a ring member for applying elastic force mounted between a worm wheel and an output shaft, being characterized in that said output shaft is made of iron material, a gear portion of said worm wheel is made of synthetic resin material, and a core metal portion of said worm wheel is made of metallic material whose specific gravity is small and coefficient of linear expansion is large with respect to said iron material, whereby limit torque of said torque limiter is set low under high temperature and high under low temperature.

15 2. An electrically power assisting steering apparatus provided with a worm wheel for transmitting driving force of a motor as auxiliary steering force together with a worm gear, being characterized in that said worm wheel is formed by joining a thin synthetic resin to an entire outer peripheral surface of a teeth portion of a gear-shaped core metal by way of chemical bond according to composite molding technique or adhesive.

25 3. An electrically power assisting steering apparatus according to claim 2, wherein said core

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metal is made of aluminum alloy or copper alloy.

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